

In the Specification:

Please delete the paragraph at page 4, lines 2-6 are replace it with the following paragraphs:

The invention achieves this object by means of laminated safety glass ~~according to claim 1, comprising~~

- a first and a second pane of glass, and also,
- arranged between the first and the second pane of glass, an intermediate layer, where the intermediate layer comprises:
- from 50 to 80% by weight of (PVB) partially acetalized polyvinyl alcohol
- from 20 to 50% by weight of a plasticizer mixture, comprising
- from 30 to 70% by weight - calculated as proportion of the plasticizer mixture - of one or more polyalkylene glycols selected from the group consisting of
- polyalkylene glycols of the general formula HO-(R-O)_n-H, where R = alkylene and n > 5,
- block copolymers of ethylene glycol and propylene glycol having the general formula HO-(CH₂-CH₂-O)_n-(CH₂-CH(CH₃)-O)_m-H, where n > 2, m > 3, and (n+m) < 25,
- derivatives of block copolymers of ethylene glycol and propylene glycol having the general formula R₁O-(CH₂-CH₂-O)_n-(CH₂-CH(CH₃)-O)_m-H or HO-(CH₂-CH₂-O)_n-(CH₂-CH(CH₃)-O)_m-R₁, where n > 2, m > 3, and (n+m) < 25 and R₁ as organic radical,
- derivatives of polyalkylene glycols of the general formula R₁-O-(R₂-O)_n-H, where R₂ = alkylene and n ≥ 2, in which the hydrogen of one of the two terminal hydroxyl groups of the polyalkylene glycol has been replaced by an organic radical R₁,
- derivatives of polyalkylene glycols of the general formula R₁-O-(R₂-O)_n-R₃, where R₂ = alkylene and n > 5, in which the hydrogen of both terminal hydroxyl groups of the polyalkylene glycol has been replaced by an organic radical R₁ and, respectively, R₃.

This laminated safety glass is preferably combined with one or more of the following features: of the subclaims, and, respectively,

The laminated safety glass is characterized in that the polyalkylene glycols have been selected from the group consisting of

- polyethylene glycol HO-(CH₂-CH₂-O)_n-H, where 8 < n < 25,
- block copolymers of ethylene glycol and propylene glycol having the general formula HO-(CH₂-CH₂-O)_n-(CH₂-CH(CH₃)-O)_m-H, where n > 3, m > 4, and (n+m) < 20,
- derivatives of block copolymers of ethylene glycol and propylene glycol having the general formula R₁O-(CH₂-CH₂-O)_n-(CH₂-CH(CH₃)-O)_m-H or HO-(CH₂-CH₂-O)_n-(CH₂-CH(CH₃)-O)_m-R₁, where n > 3, m > 4, and (n+m) < 20 and R₁ as organic radical,
- polybutylene glycol HO-(CH₂-CH₂-CH₂-CH₂-O)_n-H, where 4 < n < 18,
- derivatives of the polyethylene glycol of the general formula R₁-O-(CH₂-CH₂-O)_n-H, where n ≥ 2 and R₁ is an organic radical,
- derivatives of the polybutylene glycol of the general formula R₁-O-(CH₂-CH₂-CH₂-CH₂-O)_n-H, where n ≥ 2 and R₁ is an organic radical;

The laminated safety glass is characterized in that the proportion of the polyalkylene glycols in the total mixture for the intermediate layer is greater than 10% by weight and less than 25% by weight;

The laminated safety glass is characterized in that at least one plasticizer selected from the group consisting of

- esters of polybasic aliphatic or aromatic acids,
 - polyhydric aliphatic or aromatic alcohols or oligoether glycols having not more than four ether units with one or more unbranched or branched aliphatic or aromatic substituents, e.g. dialkyl adipate, dialkyl sebacate, esters of di-, tri- or tetraglycols with linear or branched aliphatic carboxylic acids
- is used as further plasticizer in the plasticizer mixture;

The laminated safety glass is characterized in that at least one plasticizer selected from the group consisting of di-n-hexyl adipate (DHA) and triethylene glycol bis-n-heptanoate (3G7) is used as further plasticizer at a proportion > 10% by weight of the total mixture; and

The laminated safety glass is characterized in that a polyvinyl butyral having from 19

to 22% by weight of vinyl alcohol radical and from 0.5 to 2.5% by weight of acetate radical is used as resin.

The object is also achieved by means of a sound insulating film comprising:

- from 50 to 80% by weight of partially acetalized polyvinyl alcohol,
- from 20 to 50% by weight of a plasticizer mixture, comprising
- from 30 to 70% by weight - calculated as proportion of the plasticizer mixture - of one or more polyalkylene glycols selected from the group consisting of
- polyalkylene glycols of the general formula HO-(R-O)_n-H, where R = alkylene and n > 5,
- block copolymers of ethylene glycol and propylene glycol having the general formula HO-(CH₂-CH₂-O)_n-(CH₂-CH(CH₃)-O)_m-H, where n > 2, m > 3, and (n+m) < 25,
- derivatives of block copolymers of ethylene glycol and propylene glycol having the general formula R₁O-(CH₂-CH₂-O)_n-(CH₂-CH(CH₃)-O)_m-H or HO-(CH₂-CH₂-O)_n-(CH₂-CH(CH₃)-O)_m-R₁, where n > 2, m > 3, and (n+m) < 25 and R₁ as organic radical,
- derivatives of polyalkylene glycols of the general formula R₁-O-(R₂-O)_n-H, where R₂ = alkylene and n ≥ 2, in which the hydrogen of one of the two terminal hydroxyl groups of the polyalkylene glycol has been replaced by an organic radical R₁,
- derivatives of polyalkylene glycols of the general formula R₁-O-(R₂-O)_n-R₃, where R₂ = alkylene and n > 5, in which the hydrogen of both terminal hydroxyl groups of the polyalkylene glycol has been replaced by an organic radical R₁ and, respectively, R₃.

The invention also relates to the use of one or more polyalkylene glycols selected from the group consisting of

- polyalkylene glycols of the general formula HO-(R-O)_n-H, where R = alkylene and n > 5,
- block copolymers of ethylene glycol and propylene glycol having the general formula HO-(CH₂-CH₂-O)_n-(CH₂-CH(CH₃)-O)_m-H, where n > 2, m > 3, and (n+m) < 25,

- derivatives of block copolymers of ethylene glycol and propylene glycol having the general formula $R_1O-(CH_2-CH_2-O)_n-(CH_2-CH(CH_3)-O)_m-H$ or $HO-(CH_2-CH_2-O)_n-(CH_2-CH(CH_3)-O)_m-R_1$, where $n > 2$, $m > 3$, and $(n+m) < 25$ and R_1 as organic radical,
- derivatives of polyalkylene glycols of the general formula $R_1-O-(R_2-O)_n-H$, where R_2 = alkylene and $n \geq 2$, in which the hydrogen of one of the two terminal hydroxyl groups of the polyalkylene glycol has been replaced by an organic radical R_1 ,
- derivatives of polyalkylene glycols of the general formula $R_1-O-(R_2-O)_n-R_3$, where R_2 = alkylene and $n > 5$, in which the hydrogen of both terminal hydroxyl groups of the polyalkylene glycol has been replaced by an organic radical R_1 and, respectively, R_3 ,

as an additive improving sound insulation in films produced from plasticized partially acetalized polyvinyl alcohol resin and having a water content of from 0.15 to 0.8% by weight for laminated safety glass, where the sound insulation of the laminated safety glass is increased by the addition of the polyalkylene glycols by at least 2 dB, measured to DIN EN ISO 717, in the coincidence frequency region from 1000 to 3500 Hz.